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Five hundred and forty-seventh Meeting.

February 27, 1865. — SPECIAL MEETING.

The PRESIDENT in the chair.

Addresses were made by the President, Mr. Safford, and Professor Parsons on the scientific services and character of the late Professor Bond.

Mr. Whitney read a paper on the development of the mineral productions of California and the adjacent Territories.

Five hundred and forty-eighth Meeting.

March 14, 1865. — ADJOURNED STATUTE MEETING.

The PRESIDENT in the chair.

The Corresponding Secretary read letters relative to exchanges; also a letter from Leopold von Ranke of Berlin, in acknowledgment of his election into the Academy.

The following paper was presented: —

On a New Process for the Determination of Sulphur in Organic Compounds, by Combustion with Oxygen Gas and Peroxide of Lead. By C. M. WARREN.

In my former communication "On a Process of Organic Elementary Analysis by Combustion in a Stream of Oxygen Gas,"* I treated exclusively of the determination of carbon and hydrogen in volatile liquid hydrocarbons, — my experiments up to that time having been confined to the analysis of substances of this class. It was my intention, however, to have applied the process before this to other classes of bodies, and especially to have tested its applicability, with suitable modifications, for the analysis of organic substances containing other elements.

Other work with which I was then occupied, and to which this process was only incidental, as already stated in the paper referred to, has prevented me from extending the research beyond the requirements of my other investigations.

* Proceedings of the American Academy, 1864, p. 251.